

Claims

1. Electrically conductive powder coating composition having anti-static properties comprising metallic fibres.
2. Powder coating composition according to claim 1 wherein the metallic fibres have an L/D ratio in the range between 5 and 75, wherein L is the length of the fibre and D is the diameter of the fibre.
3. Powder coating composition according to claim 1 wherein the metallic fibres have a diameter in the range from 5 to 25 μm .
4. Powder coating composition according to claim 1 wherein the metallic fibres are stainless steel fibres.
5. Powder coating composition according to claim 1 wherein the content of metal fibres in the composition is in the range of 0.5 to 20% by weight based upon the total solids weight of the coating composition.
6. Powder coating composition according to claim 5 wherein the content of metal fibres in the composition is in the range of 5 to 15 % by weight.
7. Powder coating composition according to claim 2 wherein the metallic fibres have a diameter in the range from 5 to 25 μm .
8. Powder coating composition according to claim 2 wherein the metallic fibres are stainless steel fibres.
9. Powder coating composition according to claim 3 wherein the metallic fibres are stainless steel fibres.

10. Powder coating composition according to claim 2 wherein the content of metal fibres in the composition is in the range of 0.5 to 20% by weight based upon the total solids weight of the coating composition.

5 11. Powder coating composition according to claim 3 wherein the content of metal fibres in the composition is in the range of 0.5 to 20% by weight based upon the total solids weight of the coating composition.

10 12. Powder coating composition according to claim 4 wherein the content of metal fibres in the composition is in the range of 0.5 to 20% by weight based upon the total solids weight of the coating composition.

13. Powder coating composition according to claim 10 wherein the content of metal fibres in the composition is in the range of 5 to 15 % by weight.

15 14. Powder coating composition according to claim 11 wherein the content of metal fibres in the composition is in the range of 5 to 15 % by weight.

20 15. Powder coating composition according to claim 12 wherein the content of metal fibres in the composition is in the range of 5 to 15 % by weight.